



Jon S. Corzine
Governor

State of New Jersey
Department of Environmental Protection
Division of Remediation Management and Response
Bureau of Case Management
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Mark Mauriello
Commissioner

September 23, 2009

Andrew S. Hartten
DuPont Corporate Remediation Group
Barley Mill Plaza 19/2204
4417 Lancaster Av.
Wilmington, DE 19805

PFOA Ground Water Investigation Report

Re: PFOA Groundwater Investigation Report Addendum
DuPont Chambers Works
Rt. 130
Block: 185; Lots: 1, 2, 3
Block: 301; Lots: 1, 2, 3, 4, 5
Block: 193; Lot: 5
Deepwater, NJ 08023
SRP PI: 008221

Dear Mr. Hartten:

The New Jersey Department of Environmental Protection (Department) completed its review of the above referenced document dated August 4, 2009. As stated in the Executive Summary, URS prepared this document for DuPont "to better understand the distribution of PFOA in the groundwater surrounding the site and, if possible, the extent to which it might be related to site emissions." A total of 17 monitoring wells (i.e., 8 installed in the shallow "A" Zone and "B" Aquifer outside of the site security fence along with 9 monitoring wells installed in October 2007) were sampled for PFOA and 12 additional perfluorinated compounds.

This report shows that there is PFOA in the off-site ground water near the site, which is elevated. The highest level is over 1 ppb. The NJDEP understands that there is an inward gradient towards the site due to the recovery system and PFOA deposited off-site by air deposition would be brought back towards the site within the capture zone of the recovery system. However, at some distance from the site the recovery system will not exert influence on the ground water. At that point PFOA may flow away from the site. Therefore, DuPont needs to delineate PFOA further from the site. As the next step in off-site delineation, three (3) additional A-Zone wells are necessary as shown on the attached maps.

The Department has determined that additional investigation and delineation of the PFOA Ground Water contamination is necessary in accordance with N.J.A.C. 7:26E-4.1. Please install the above referenced wells within 3 months (90 calendar days) and plan to sample these wells at

the next scheduled sampling event in accordance with the NJPDES-DGW Permit No. NJ0083429.

If you have any questions, please call me at (609) 984-4071.

Sincerely,

A handwritten signature in black ink, appearing to read "Frank Faranca". The signature is fluid and cursive, with the first name "Frank" and last name "Faranca" clearly distinguishable.

Frank Faranca, CHMM, Site Remediation Technical Specialist
Bureau of Case Management

Attachments

Cc: David Doyle, NJDEP/BEERA
Anne Pavelka, NJDEP/BGWPA
Mindy Mumford, NJDEP/BCR
Philip D. Flax, CHMM, USEPA, Region II
Barry Tornick, USEPA, Region II
Meghan La Reau Fedor, USEPA, Region II
Sin-Kie Tjho, USEPA, Region II
Amy Chester, USEPA, Region II
Herbert Roeschke, Cumberland/Salem Co. Dept of Health
Salem County Planning Board
John Crawford, Pennsville Township

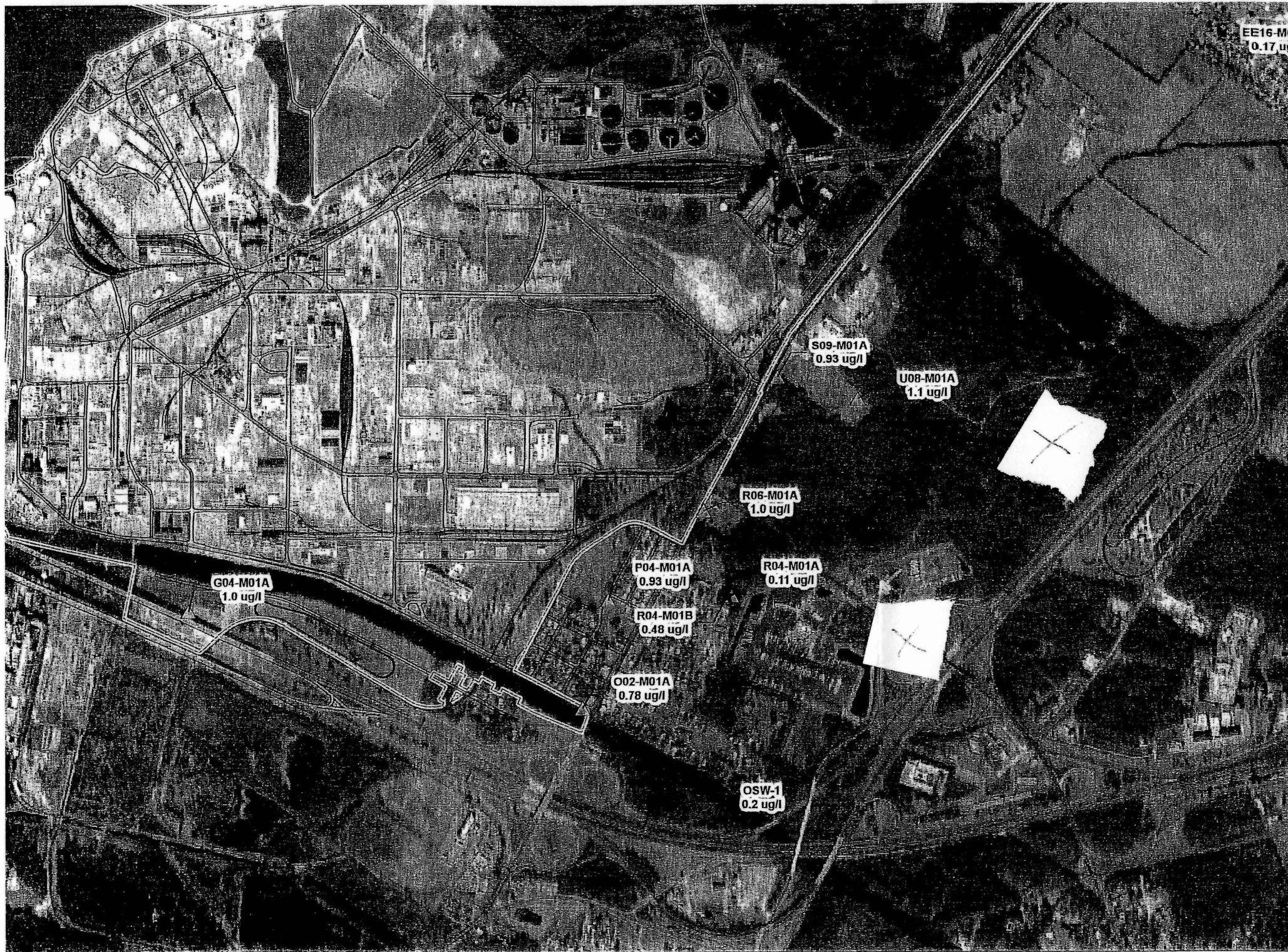


Figure 1

Figure 2

(X) PFOA proposed
well location,

